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LANGTREE

STANDISH-WITH-LANGTREE
URBAN DISTRICT COUNCIL.

ANNUAL REPORTS

OF THE

Medical Officer of Health

AND

Nuisance Inspector,

For the Year 1914.



STANDISH,

1915.

To the Chairman and Members of the Urban District Council,
Standish-with-Langtree.

GENTLEMEN,

In laying before you my twentieth Annual Report, I must gladly
acknowledge the assistance and co-operation of the Council.

I am, Gentlemen,

Your obedient Servant,

J. H. WILSON, M.D.



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Statistical Summary for 1914.

Population—Census, 1911	...	...	...	...	7280
Population (estimated)—July, 1914	...	...	...	...	7593
Acreage of Township	...	...	...	...	3264
Density of Population per acre	...	...	...	...	2.32
Density of Population per house	...	...	...	...	5.25
Houses per acre	...	...	...	...	0.44
Births—Male	...	...	...	103	
Female	...	...	...	111	
				—	214
Deaths—Male	...	...	...	42	
Female	...	...	...	55	
				—	97
Annual Birth-rate...	...	...	...	...	28.18
Annual Death-rate...	...	...	...	...	12.77
Excess of Births over Deaths	...	...	...	...	117
Deaths from Zymotic Disease	...	...	...	...	4
Zymotic Death-rate (not including Tuberculosis)	...	...	...	...	0.53
Deaths in Infants under 1 year	...	...	...	...	28
Infantile Deaths per 1,000 Births	...	...	...	...	130.84
Illegitimate Births	...	...	...	...	2
Illegitimate Deaths	...	...	...	...	2

Births. From the statistical summary you will see that the births have increased in number by 32 over those of the previous year. Female births increased by 29, whilst the male births were only 3 more.

The excess of births over deaths, 117, is very large, compared with an excess of 79 only in the year 1913.

Illegitimate births were 5 less than in the preceding year.

Deaths. The decline by 6 is gratifying, and was most marked amongst males, being 13 less than in the year 1913, but an increase of 7 was shown in the deaths amongst females.

The deaths occurring in institutions outside the district of persons belonging to the district shows an increase of 5. The deaths and the institution in which they occurred were as follows:—

Wigan Infirmary ...	...	...	...	3
Wigan Workhouse Hospital (Billinge)			...	3
Rainhill Asylum ...	...	...	...	1
Other deaths ...	...	...	...	2
				—
				9
				—

Deaths of non-residents numbering 3 were all transferred to Wigan.

There were no uncertified deaths.

Infantile Deaths. 28 deaths occurred in infants under one year, being 5 more than in 1913, and raising the ratio per thousand births from 106.3 that year to 130.84 in 1914.

As to the causes, there was no epidemic which was responsible, such as zymotic enteritis or measles. The causes were various, and included 7 as the result of Chest Affection, one from Diphtheria, but under the group which includes Congenital Debility and Malformations and Premature Birth we find 12 deaths ascribed to these causes—in other words, 12 infants came into the world with practically no chance of continuing their existence only for a short time. As this number is 40 per cent. of the total deaths in infants it makes the rate look somewhat high, though the rate for urban districts in the Administrative County for 1913 was 128.

Zymotic Diseases and Deaths. The cases notified show an increase of 17 over the previous year, the greatest increase being in the case of Scarlet Fever. This disease persisted more or less throughout the year, but the greatest number of cases were notified during the months of November and December. Cases of Diphtheria were also slightly more numerous, as were also Enteric Fever, but Erysipelas showed a considerable fall.

Notification of Measles, which was made compulsory in June, 1908, was given up by resolution made in Council in May, and notification accordingly ceased in June. Up to this time only 3 cases had been notified for the year; since this time there has been no outbreak.

In December I suggested to the Council that what is known as the Milne method of treatment should be tried in the case of Scarlet Fever, the Council bearing the expense of the eucalyptus oil used. To this the Council readily assented, and the method was at once put in operation. The opinion I formed of the results was most favourable, and the outbreak terminated at the end of the month, whether due to the treatment or not I cannot say, but so it was. The number of cases in which this method of treatment was adopted was too small to draw any definite conclusions, but certainly should another outbreak occur I shall resort to it with a feeling of considerable confidence.

Cases of Zymotic Disease Notified and Deaths.

	1913.	1914.	Deaths (1914).
Diphtheria and Croup ...	4	6	2
Erysipelas ...	12	5	1
Scarlet Fever ...	7	26	—
Enteric Fever ...	6	9	—
Measles ...	—	—	1 ...
Puerperal Fever ...	1	0	—
	—	—	—
	30	46	4
	—	—	—

The number of cases of Pulmonary Tuberculosis and other forms of Tuberculosis were alike 10, a total of 20 cases notified. Of these 5 were sent to hospital for treatment. The deaths were 4, three of which were from pulmonary trouble and the other meningeal.

School Closure. There was no outbreak of infectious disease during the year necessitating the adoption of this procedure.

Drainage, Sewage and Sewage Disposal. All these have had assiduous attention during the year. Particular attention was paid to the flushing of the sewers, especially in the Lower Ground district, the sewer from which discharges into the outfall main of the Wigan Corporation, whilst an extra manhole was constructed to facilitate the work of inspection and cleansing on this length.

The sewage farms of Fairhurst House and Langtree Hall and the outfall works at Boar's Head have been worked successfully, with the result that a better effluent has been obtained than in the previous year, and no official complaint has been received from the Ribble Joint Committee.

Scavenging. Three contractors carry out this work, two for Standish Village and one for the Lower Ground district, and has been carried out satisfactorily. It is a pity that in so many cases the ashpits are so situated that the refuse has to be wheeled out and deposited in the street before removal, as it becomes a public danger.

Dairies, Cowsheds and Milkshops. These have had regular visits of inspection, and considerable improvements obtained in the matters of cubical space and ventilating and lighting, in fact they may now be said to be in a very satisfactory condition.

Slaughter Houses. These are clean and well kept. It has not been necessary to seize any meat as unfit for human consumption, though frequent inspections have been made. I can say that the meat sold throughout the district is of very good quality.

There were no cases of Foot and Mouth Disease, to which attention was specially called by circular-letter of the Local Government Board in April.

Lodging Houses. There are none of these. A few houses are registered to take in lodgers, the number being stated, but there are very few of these, and have invariably below the registered number.

Water Supply is obtained from the Liverpool Corporation, and is of excellent quality. There has been no interruption of the supply during the year.

House Accommodation may be said to be sufficient, though it is very seldom that there is an empty house.

Two cases of overcrowding were found and remedied. There are no underground sleeping rooms in the district.

Twenty-two new houses have been erected during the year, which is almost double the number erected in any of the last five years, and this number, I believe, would have been exceeded except for the outbreak of war in August.

The new property was tenanted without throwing any of the old property empty, showing that there is a considerable demand for working class houses.

Housing and Town Planning. No closing orders were made during the year.

Factories and Workshops Act. The list of places which come within the scope of the above are given on table accompanying. All have been inspected, and defects found were remedied.

Visit of County Inspectors and M.O.H. In September two of the County Inspectors paid a visit to the district to inquire into the housing conditions and general sanitary work.

In the following month the County Medical Officer of Health visited the district, accompanied by the two Inspectors.

The results of their inspection were embodied in a report which came before the Council in February, 1915. The Inspector and myself drew up a reply, which the Council considered and forwarded to the County Medical Officer of Health.

The fact that the nation was at war was brought home to us very clearly when in November we received 12 wounded soldiers at the Beeches, which has been temporarily converted into a Red Cross Hospital. All had been fighting in the North of France, and been sent on here from the 2nd Western Hospital in Manchester. Since this there has been a succession of relays, as convalescents were discharged.

No infectious disease occurred amongst those sent for treatment.

STANDISH,

February, 1915.

Nuisance Inspector's Annual Report, 1914.

To J. H. WILSON, Medical Officer of Health to the Urban District
Council of Standish-with-Langtree.

DEAR SIR,

I beg to lay before you my Report for the twelve months ending
31st December, 1914.

Infectious Diseases. The following cases were reported to me:
Measles 3, Scarlet Fever 26, Enteric Fever 9, Diphtheria and Mem-
branous Croup 6, Erysipelas 5, Tuberculosis 20. On the 29th of
June last the notification of measles was discontinued. I have visited
all Measles, Fever, Diphtheria and Tuberculosis cases, and after
Fever and Diphtheria I have fumigated the rooms with formalin.
Liquid and powder disinfectants have been supplied, and the pails
used as formerly for Enteric Fever.

Sewerage. Two sewer extensions with four manholes in Preston
Road and Pepper Lane have been completed, and another manhole
placed on a very long length of sewer at Lower Ground. The sewers
have been periodically flushed, most attention being given to those
in the Lower Ground area. No blockage has occurred.

Sewage Disposal. The yearly average of the samples taken at the farm which receives by far the most sewage, viz., Fairhurst House Farm, is "Good," the average Albumenoid Ammonia being .05 better than for the year 1913. Several improvements have been made at Fairhurst House Farm, chiefly in order to deal with the sludge better and reduce very disagreeable manual labour. Langtree Hall Farm and Chorley Road Works continue to give satisfaction. No official complaints have been received from the Ribble Joint Committee.

Scavenging. The two contractors for Standish Village, Boars Head, and Bradley districts have done their work efficiently during the year, and used the same tipping places as the previous year. Last June there was a change of contractor, and consequently a change of tipping place for the Lower Ground district. Since that time the work has been done efficiently. There are seven tipping places, all similar in character—that is, in each case depressions in agricultural land are being levelled up.

Factories and Workshops. The Factories and Workshops supervised (excepting Bakehouses) are the same as for the previous year. In one case two structural defects were remedied on receipt of notice, and in another the walls were limewashed. All the other Factories and Workshops were found in good order.

Bakehouses. An additional bakehouse very suitable for the purpose has been registered during the year, which brings the total to eight. The other seven are the same as on the register previously. Structural defects in three bakehouses were remedied on receipt of notice, and in another case the walls were limewashed. The others were found in good order.

Dairies and Cowsheds. Improvements have been made in six cowsheds as follows: Three cowsheds have now more light and ventilation, two have more light and ventilation, also better drainage, and one has more light only. Last year the average amount of air space per "cow-stall" was 514 cubic feet, but this year after the revision of the register I find it is 568 cubic feet. Besides taking

the number of "cow-stalls" I have taken the average number of cows kept, and this gives a much better result, viz., 798 cubic feet per cow. Only in one case was it necessary to request linewashing. Other nuisances to three cowsheds were abated after notice was given.

Slaughter Houses. During the year another building has been licensed, making a total of seven licensed slaughter houses. Two of the places were only used occasionally. In one case, after notice was given, the walls were limewashed and the floor repaired, and in another case the floor was repaired. I have examined carcasses in the slaughter houses and meat when exposed for sale, but it has not been necessary to seize any as unfit for human consumption.

New Buildings. Nineteen dwelling-houses (each with three living and three bedrooms) have been erected, 16 of the houses being rented at 5s. 6d., two at 8s., and one at 6s. per week, rates included. Also an old chapel has been converted into three dwelling-houses (each with two living and two bedrooms), one being rented at 4s. and two at 4s. 3d., making a total of 22 new houses for the year. No other buildings of importance have been erected.

Nineteen plans have been submitted and approved. Plans for 28 houses were approved during the year 1914 that have not yet been commenced, largely owing to the war. Seven houses are now in course of building.

The year 1914 has the best record for new houses for the past five years, as the following will show:—

Year 1910	...	...	13 new houses.
„ 1911	...	...	6 „
„ 1912	...	...	3 „
„ 1913	...	...	12 „
„ 1914	...	...	22 „
			—
Total	...		56
Average per year	...		11.2

Ten of the above 56 houses have baths; at 39 fresh-water closets have been provided, pail closets at 2, and privies at 15. The only kind of closet accommodation provided for new property during the year was the fresh-water closet, and now only metal ash bins are permitted.

Housing and Town Planning Act. The estimated number of dwelling-houses in the district is 1,452, and the estimated number of dwelling-houses within the limit of rent applicable to the district under the Act is 1,175. To the 31st December, 1914, 197 houses had been inspected under the Act of 1909, all being within the limit of rent excepting one. The systematic house-to-house inspection has been accelerated during the past three years, as the following will show :—

In the year 1912 42 houses were inspected.			
„	1913	53	„ „
„	1914	88	„ „

Of the 88 houses inspected, some repairs have been carried out to 69. Statutory notices to execute works under Sec. 15 for other three houses were served on the 24th of December last, and have since been complied with.

Since the Act of 1909 came into operation seven houses have been found to be unfit for human habitation. Closing Orders were made for five, and two were closed voluntarily. Necessary repairs have been carried out to three, but four houses are still closed.

The number of vacant houses suitable for persons of the working classes and in all respects reasonably fit for human habitation has not, I believe, exceeded six at one time during the year, and has varied from, say, 2 to 6.

There are approximately 32 back-to-back houses, rented at 2s. 6d. to 3s. per week, and in nearly all cases the air space around these houses is very good. Most houses in the district contain two living and two bedrooms, rented at 4s. to 4s. 6d. per week, while the majority of recently built houses contain three living and three bedrooms, and are rented at 5s. 6d. to 6s. 6d. per week.

Nuisances. Seventy-eight were found, and verbal or written notices given. Seventy-six have been abated and two are in course of abatement. Two filthy houses have been disinfected and cleansed, and twenty-three houses have been disinfected after infectious disease.

Overcrowding. Two cases of overcrowding were abated after notices were given.

I am, Sir,

Yours obediently,

ALVIN CLOUGH,

Certified "Inspector of Nuisances," "Inspector of Meat and Other Foods," and "Municipal Engineer."

TABLE I.

VITAL STATISTICS OF WHOLE DISTRICT DURING 1914 AND PREVIOUS YEARS.
DISTRICT OF STANDISH-WITH-LANGTREE.

YEAR	Population estimated to Middle of each Year	BIRTHS			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT			
		Un-corrected Number	Number	Rate	Number	Rate	of Non-residents registered in the District	of Residents not registered in the District	Under 1 Year of Age		At all Ages	
									Number	Rate per 1000 Nett Births	Number	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13
1909	7048	...	229	32.49	106	15.03	...	6	31	135.0	112	15.89
1910	7140	...	226	31.65	87	12.18	...	4	29	128.81	91	12.74
1911	7304	...	177	24.23	101	13.96	..	7	28	158.1	108	14.92
1912	7401	...	205	27.67	79	10.67	3	4	17	82.9	80	10.80
1913	7497	...	182	24.27	98	13.07	1	6	23	126.3	103	13.73
1914	7593	...	214	28.18	91	11.98	3	9	28	130.84	97	12.77

Area of District in acres (land and inland water), 3264.
Total families or separate occupiers, 1430.

Total population at all ages, 7280.
At Census, 1911.

TABLE II

Cases of Infectious Disease notified during the Year 1914. District of Standish-with-Langtree.

NOTIFIABLE DISEASE.	NO. OF CASES NOTIFIED							TOTAL CASES NOTIFIED IN EACH LOCALITY. (e.g. Parish or Ward of the District.)							Total Cases removed to Hospital.	Deaths in Hospital of Patients removed from this District.
	At all Ages	At Ages—Years.						1	2	3	4	5	6	7		
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65									
Diphtheria (including Membranous Group)	6	...	3	3	...	...	...	...	...	...	...	...	...	...	...	
Erysipelas	5	...	1	...	...	3	1	...	...	...	...	...	...	...	...	
Scarlet Fever	26	...	3	19	4	...	...	...	...	...	...	...	...	...	...	
Enteric Fever	9	...	...	2	4	2	1	...	...	...	...	...	...	...	...	
Puerperal-fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Pulmonary Tuberculosis	10	...	1	2	3	2	1	...	...	...	...	...	...	...	...	
Other forms of Tuberculosis	10	...	3	5	1	1	...	...	...	...	...	...	...	...	...	
Measles	3	2	...	...	...	...	...	...	...	...	...	...	...	...	...	
Totals	69	2	11	32	12	8	3	1	...	...	...	...	...	...	...	

Isolation Hospital—For Small Pox only, Arbour Lane, Standish, Standish Urban District Council.

TABLE III. Causes of, and Ages at Death during Year 1914 District of Standish-with-Langtree.

NETT DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING WITHIN OR WITHOUT THE DISTRICT.												Total Deaths whether of "Residents," or "non- Residents" in Institutions in the District
CAUSES OF DEATH		All Ages	Under 1 year	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 45	45 and under 65	65 and up- wards		
All causes	{ Certified	2	3	4	5	6	7	8	9	10	11	
	{ Uncertified	95	...	...	...	...	...	...	...	...	...	
Measles	...	1	...	1	...	...	...	...	...	...	...	
Diphtheria and Croup	...	2	1	...	1	...	...	...	...	...	...	
Influenza	...	1	...	...	...	...	...	...	...	1	...	
Erysipelas	...	1	...	...	...	...	...	1	...	...	...	
Phthisis (Pulmonary Tuberculosis)	...	3	...	...	...	...	...	1	1	...	...	
Tuberculous Meningitis	...	1	...	...	1	...	...	...	...	...	...	
Other Tuberculous Diseases	...	1	...	...	1	...	...	...	...	...	...	
Cancer, malignant disease	...	1	...	...	...	...	...	1	...	...	...	
Meningitis	...	1	...	1	...	...	...	...	...	...	...	
Rheumatic Fever	...	1	...	...	...	...	1	...	...	...	...	
Organic Heart Disease	...	4	...	...	...	...	...	...	3	1	...	
Bronchitis	...	9	1	...	...	...	...	...	3	5	...	
Pneumonia (all forms)	...	9	3	2	2	...	1	...	1	...	...	
Other Diseases of Respiratory Organs	...	1	...	...	...	...	...	...	...	...	...	
Diarrhoea and Enteritis	...	2	2	...	...	...	...	...	...	...	...	
Appendicitis and Typhlitis	...	1	...	...	...	1	...	...	...	...	...	
Cirrhosis of Liver	...	1	...	...	...	...	...	...	...	...	...	
Nephritis and Bright's Disease...	...	4	...	...	...	...	...	1	3	...	...	
Congenital Debility and Malformation including Premature birth	...	12	12	...	...	...	...	...	...	...	...	
Violent Deaths, excluding suicides	...	1	...	...	...	...	...	...	...	1	...	
Other Defined Diseases...	...	38	9	...	...	1	2	2	7	17	...	
Diseases ill-defined or unknown	...	2	...	...	...	...	...	...	2	...	...	
Total		97	28	4	5	2	4	6	22	26	...	

TABLE IV.

District of Standish-with-Langtree.

INFANTILE MORTALITY DURING THE YEAR 1914.

Nett Deaths from stated Causes at Various Ages under One Year of Age.

ALL CAUSES. {	CAUSE OF DEATH	Certified	Uncertified	Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month	1-3 Months	3-6 Months	6-9 Months	9-12 Months	Total Deaths under One Year.
Diphtheria and Croup ...	...	...	...	...	...	...	...	...	...	...	...	1	1
Bronchitis ...	...	...	...	...	...	...	...	...	...	...	...	1	1
Pneumonia (all forms) ...	...	...	...	...	...	...	...	...	...	...	3	...	3
Diarrhoea and Enteritis ...	...	...	...	...	...	...	1	1	...	...	1	...	2
Atelectasis ...	...	...	...	2	...	...	1	3	...	...	...	...	3
Congenital Malformations ...	...	...	...	...	...	...	1	1	1	...	1	...	3
Premature Birth ...	...	...	...	8	...	...	...	8	...	...	...	...	8
Atrophy, Debility and Marasmus ...	...	...	...	...	...	...	...	...	...	...	1	...	1
Other Causes ...	...	...	...	1	...	...	...	1	1	...	2	2	6
Totals	...	...	...	11	...	...	3	14	2	...	8	4	28

Nett Births in the year	{ legitimate 212	Nett Deaths in the year of	{ legitimate infants 26
	{ illegitimate 2		{ illegitimate infants 2

Annual Report of the Medical Officer of Health for Year 1914, for the Urban District of Standish-with-Langtree.

On the administration of the Factory & Workshop Act, 1901, in
connection with Factories, Workshops, Workplaces, & Homework.

1.—INSPECTION of Factories, Workshops and Workplaces.

Including Inspections made by Sanitary Inspectors or Inspectors
of Nuisances.

Premises	No. of Inspection.	No. of Written Notices.	No. of Prosecu- tions.
Factories (Including Factory Laundries)	7	...	...
Workshops (including Workshop Laundries)	40	5	...
Workplaces (other than Outworkers' premises included in Part 3 of this Report)	...	...	...
Total	47	5	...

2.—DEFECTS FOUND in Factories, Workshops & Workplaces.

	Number of Defects		No. of Prosecution.
	Found.	Remedied.	
Nuisances under the Public Health Acts—			
Want of Cleanliness	2	2	
Other Nuisances	6	6	
Sanitary Accommodation—			
Unsuitable or defective	1	1	
Total	9	9	

3.—HOME WORK.

Addresses of Outworkers. Received from other Councils.	Inspections of Out- workers' premises.
Nil.	
Total	Nil.

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year :

Workshops:						Number.
Barbers and Umbreller	Repairers	...	...	...	...	4
Wheelwrights	...	...	...	...	...	1
Saddlers	...	...	...	...	...	1
Plumbers and Painters	...	...	...	...	...	1
Bakehouses	...	...	...	...	...	8
Dressmakers and Milliners	...	...	...	...	...	4
Joiners	...	...	...	...	...	1
Cloggers, Boot and Shoe Makers	...	...	...	...	...	8
Blacksmiths	...	...	...	...	...	2
Laundries	...	...	...	...	...	1
Cycle Repairers	...	...	...	...	...	1
						—
Total Number of Workshops on Register						32
						—

5.—OTHER MATTERS.

Matters notified to H.M. Inspector of Factories :—

Class.	Number
Failure to affix Abstract of the Factory and Workshops Acts (sec. 133, 1901)	
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Acts (s. 5, 1901)—	
Notified by H.M. Inspector	2
Reports (of action taken) sent to H.M. Inspector	2
Other	
Underground Bakehouses (s. 101) in use at the end of the year	

February, 1915.

J. H. WILSON, M.D.,
Medical Officer of Health.

Summary of Medical Officer's Report for 1914.

Urban District of Standish-with-Langtree.

Medical Officer of Health, Joseph Harwood Wilson. Inspector of Nuisances, Alvin Clough.

What is the character of the Hospital Accommodation? { For Small-pox—Yes.
 { For other Infectious Diseases—No.

Is it Joint or otherwise? Otherwise.

No. of Beds available for your District? For Small-pox—6. For other Infectious Diseases—None.

Deaths in hospital of patients from your District? From what causes? Cardiac Debility 1, Chronic Nephritis 1,
 Cerebral Softening 2, General Peritonitis 1,
 Pneumonia 1.

How is Disinfection carried out? Houses Fumigated by Formalin. No. of Houses disinfected? 25.
 Apparatus used for Clothing, Bedding, &c. (steam or otherwise)? None.
 Where is apparatus situated? None kept.

Are any Diseases not specifically mentioned in the Infectious Diseases Notification Act notifiable (for instance, Measles, Whooping Cough, Diarrhoea, Chicken Pox, &c.)? If so, what are they? Measles part of year only.

Diseases specially prevalent? Scarlet Fever. Period? Throughout the year.

No. of times School Closure adopted? None. For what disease? None.

Bacteriological Examinations. Specimens examined: Blood 0, Swabs 1, Sputum 0, Milk 0. Others: One in case of Diphtheria—result negative.

Arrangement (if any) made under the Diphtheria Anti-toxin Order, 1910? Yes, Serum supplied by Council.

SUMMARY.—*Continued.*

Has your Authority determined the procedure to be adopted for the inspection of your District as required by Article 1 of the Regulations? Yes.

Has your Authority prepared, as required by Article 1 (3), a list of dwelling-houses, the early inspection of which is desirable? Yes.

Has your Authority designated an officer to undertake the special inspection of houses, and to keep the records stipulated by Article 2. If so, what officer? Medical Officer of Health and Nuisance Inspector.

Have the necessary books, forms, &c., for keeping the required records been obtained? Yes.

Action taken in 1914 :—

No. of Dwelling-houses inspected under Sec. 17 of the Act of 1909? 88.

„ Dwelling-houses considered unfit for human habitation? —
 „ Representations to Authority with a view to making Closing Orders? —

Closing Orders made?

„ Dwelling-houses in which defects were remedied without making Closing Orders? 69.

„ Dwelling-houses put into a fit state of habitation after making Closing Orders? —

„ Dwelling-houses demolished? —

General character of defects found to exist? Dampness, Defective Roofs, Gullies, Privies, etc.

‘The Housing of the Working Classes Acts, 1890 to 1909’

SUMMARY.—Continued.

Is there a deficiency of housing accommodation? If so, where, and to what extent?	No.
What steps are being taken to meet the deficiency?	No deficiency.
Number of New Houses built during 1914.	By and at the cost of the District Council? None. By private enterprise? 22.
Source of the Water Supply.	Anglesark Reservoir of Liverpool Corporation.
What is its condition?	Very good.
Possibilities of contamination?	<i>None known</i>
Any insufficiency, and where?	No.
Is Scavenging and Removal of House Refuse carried out satisfactorily?	Yes.
How performed (by Sanitary Authority, Contract, or Occupiers of Houses?	Contract.
How is the Refuse disposed of?	On Council's Sewage Farm and agricultural land.
Has a Destructor been provided?	No.
Sewage Disposal Works. Method of Treatment?	By water carriage, by precipitation and irrigation and filtration.
What is the character of the Drainage System? Any developments during year?	Good. Two sewer extensions completed and additional manhole on another length of sewer.
Areas, or Townships, without proper drainage system?	Only scattered houses are without proper drainage system.
Drain Testing, Flushing, &c.?	Systematically done.
Action taken with regard to the Pollution of Streams?	None.
Canal Boats: Number Inspected?	None. Number of Infringements of Acts? None.
What is the condition of the Bakehouses?	Good.
" Slaughter Houses?	Very clean. Has a Public Abattoir been provided? No.
" Lodging Houses?	Very well kept. Are they Registered? Yes.

SUMMARY—continued.

What is the Sanitary condition of the Schools?	Good.
Dairies, Cowsheds, and Milkshops— Are they periodically inspected? Have regulations been made under the Order of the L.G.B.? Amount of air space in cubic feet required for each cow? No. of Cowkeepers? No. of Dairymen or Purveyors of Milk other than Cowkeepers? Any arrangements for veterinary inspection of dairy cows? Action taken (if any) as to tuberculosis milk?	Yes. What is their condition? Good. Yes. Are they enforced? Yes. 600. 26. No. on Register? 26. No. of inspections during year? 44. 4. No. on Register? 4. No. None.
Total amount of Food seized as unfit for Human Consumption? No. of Carcases and parts of Carcases condemned for Tuberculosis? No. of Legal Proceedings, and result?	None. None. None.
Department of Inspector of Nuisances.	No. of Notices served? 85. Nuisances remedied? 76. No. of Legal Proceedings taken and result? Nil.
Closet accommodation of the District.	No. of Privy Middens? 1,006. Pail Closets? 27. Fresh Water Closets? 241. Waste Water Closets? 1. No. of Privy Middens converted during 1914? To W.C.'s 3, to Pails, &c., 0. No. of Pail Closets converted to W.C.'s? None. Does Council contribute towards the cost of conversion of either privies or pail closets, or both? If so, how much? Not as yet. What kind of closet accommodation is being provided for new property? Fresh Water Closet.

SUMMARY—*Continued.*

Smoke.	No. of Observations? None. No. of Legal Proceedings taken and result? None. What is the Time limit allowed for the emission of black smoke per hour? None fixed.			
Has the Authority adopted—	"The Infectious Disease (Prevention) Act, 1890" ? Yes. "The Public Health Acts Amendment Act, 1907" ? No. "The Public Health Acts Amendment Act, 1890" ? Yes. "The Notification of Births Act, 1907" ? No.			
Has a Health Visitor been appointed?	No.			
Has any, and if so what, action been taken respecting Child Welfare Work?	No.			
Notable Sanitary improvements during 1913.	Completion of two Sewer Extensions.			
Chief Sanitary requirements of District.	Conversion of Privy Middens and Paving of Back Yards.			

Signed,
 J. H. WILSON,
 Medical Officer of Health.



